

MANUFACTURING PRODUCTION

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) FRI 11 MAY 2001

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■ For further information about these and related statistics, contact Denis Linney on Sydney 02 9268 4219, or the National Information Service on 1300 135 070.

NOTES FORTHCOMING ISSUES ISSUE June quarter 2001 September quarter 2001 December quarter 2001 December quarter 2001 This publication presents quarterly estimates of selected major indicators of manufacturing production for Australia. More detailed and other commodity items are collected by the Australian Bureau of Statistics (ABS) and are available to users as a special data service, as are monthly series

Statistics (ABS) and are available to users as a special data service, as are monthly series for a limited number of data items. These data items are listed in paragraph 20 of the Explanatory Notes on page 8.

EFFECTS OF ROUNDING

Estimates of change shown in this publication have been calculated using unrounded estimates and may be different from, but are more accurate than, movements obtained from the rounded estimates.

ABBREVIATIONS AND SYMBOLS

ABARE Australian Bureau of Agricultural and Resource Economics

ABS Australian Bureau of Statistics
ADC Australian Dairy Corporation

DISR Department of Industry, Science and Resources

n.a. not availablen.p. not publishablen.y.a. not yet availablep preliminary

r figure or series revised since previous issue

nil or rounded to zero

Dennis Trewin Australian Statistician

		1999				2000					Percentage changes between latest quarter shown and		
												same	
No.	Item and unit/Series	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	prev. quarter	quarter prev. year	
• • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • •	• • • • •	• • • • •		• • • • •		• • • • •		• • • • • •	• • • • •	
1	Red meat ('000 tonnes)												
	Original	747	744	753	752	746	780	792	r788	766	-2.8	2.7	
	Seasonally adjusted	759	737	753	749	756	774	793	r784	776	-1.0	2.6	
•	Trend	755	748	746	750	761	775	785	785	781	-0.5	2.7	
2	Chicken meat ('000 tonnes) Original	141	139	142	151	150	149	152	161	150	-6.7	-0.2	
	Seasonally adjusted	141	140	144	147	150	151	155	151	150	-6.7 -4.9	-0.2	
	Trend	140	141	144	147	149	153	154	155	153	-0.8	2.7	
3	Cheese (tonnes)												
	Original r	82 893	66 220	79 409	116 120	98 619	75 296	75 385	113 998	n.y.a.	51.2	-1.8	
	Seasonally adjusted r	80 310	86 808	92 298	86 511	95 403	98 366	87 762	85 050	n.y.a.	-3.1	-1.7	
	Trend	82 702	86 674	88 731	91 827	94 143	93 853	90 654	85 951	n.y.a.	-5.2	-6.4	
4	Butter (tonnes)												
	Original r	45 358	30 353	36 408	66 183	40 672	28 394	41 864	60 765	n.y.a.	45.1	-8.2	
	Seasonally adjusted r Trend	45 325 45 448	48 647 46 277	43 699 44 870	42 923 42 410	40 696 43 039	45 307 45 045	50 116 45 435	39 474 44 225	n.y.a.	-21.2 -2.7	-8.0 4.3	
5	Beer (megalitres)	45 446	40 211	44 670	42 410	45 059	45 045	45 455	44 223	n.y.a.	-2.1	4.3	
·	Original	r435	r383	424	521	r421	r402	414	500	451	-9.8	7.3	
	Seasonally adjusted	r444	r421	462	437	r426	r441	448	424	458	7.9	7.4	
	Trend	436	440	442	439	438	435	439	442	445	0.7	1.6	
6	Tobacco and cigarettes (tonnes)												
	Original	5 198	5 388	5 142	5 517	5 169	4 860	5 185	4 763	4 217	-11.5	-18.4	
	Seasonally adjusted	5 622	5 287	4 709	5 738	5 538	4 774	4 771	4 948	4 588	-7.3	-17.2	
7	Trend	5 191	5 197	5 276	5 358	5 328	5 079	4 824	4 754	4 729	-0.5	-11.3	
7	Newsprint ('000 tonnes) Original	95	100	92	95	98	96	100	97	100	3.3	3.0	
	Seasonally adjusted	96	99	90	98	96	96	100	100	100	-0.2	3.8	
	Trend	98	96	95	95	96	98	99	100	100	0.5	4.6	
8	Wood pulp ('000 tonnes)												
	Original	209	214	212	212	221	216	226	227	220	-3.3	-0.6	
	Seasonally adjusted	210	212	215	210	222	214	230	225	220	-2.0	-0.6	
	Trend	214	211	213	214	217	221	224	224	224	-0.4	3.2	
9	Undressed sawn timber ('000 m ³)		o									40.0	
	Original r	890	917	1 028	932	973	995	963	833	n.y.a.	-13.5	-10.6	
	Seasonally adjusted r Trend	930 913	906 930	968 951	962 983	1 015 997	984 969	907 921	860 866	n.y.a.	-5.2 -5.9	-10.6 -11.8	
10	Hardwood woodchips ('000 tonnes)	913	930	901	303	ופפ	909	321	300	n.y.a.	-5.9	-11.0	
_•	Original	1 179	1 319	1 500	1 469	1 524	1 671	1 717	1 674	1 434	-14.3	-5.9	
	Seasonally adjusted	1 206	1 274	1 471	1 520	1 559	1 610	1 686	1 734	1 467	-15.4	-5.9	
	Trend	1 197	1 307	1 427	1 517	1 571	1 636	1 671	1 645	1 575	-4.2	0.2	
11	Automotive gasoline (megalitres)												
	Original	4 679	4 939	4 903	4 713	4 429	4 607	4 524	4 398	n.y.a.	-2.8	-6.7	
	Seasonally adjusted	4 742	4 808	4 916	4 774	4 491	4 480	4 505	4 439	n.y.a.	-1.5	-7.0	
12	Trend Fuel oil (megalitres)	4 711	4 839	4 853	4 735	4 581	4 489	4 465	4 464	n.y.a.	_	-5.7	
12	Original	377	407	350	486	539	464	475	527	n.y.a.	10.9	8.3	
	Seasonally adjusted	n.p.	n.y.a.	n.p.	n.p.								
	Trend	397	380	406	462	497	499	489	494	n.y.a.	1.1	7.0	
13	Aviation turbine fuel (megalitres)									,			
	Original	1 288	1 286	1 350	1 419	1 393	1 376	1 418	1 463	n.y.a.	3.2	3.1	
	Seasonally adjusted	1 256	1 397	1 333	1 363	1 359	1 493	1 399	1 406	n.y.a.	0.6	3.2	
	Trend	1 263	1 288	1 320	1 361	1 402	1 426	1 428	1 416	n.y.a.	-0.8	4.1	
14	Automotive diesel oil (megalitres)												
	Original	3 194	3 391	3 287	3 404	3 025	3 021	3 052	3 471	n.y.a.	13.7	2.0	
	Seasonally adjusted	3 232 3 275	3 369 3 352	3 387 3 343	3 249 3 226	3 037 3 080	3 004 3 063	3 161 3 157	3 350 3 269	n.y.a.	6.0 3.6	3.1 1.3	
	Trend	3 213	3 302	3 343	3 220	3 000	3 003	2 13/	3 209	n.y.a.	3.6	1.3	

⁽a) Trend estimates shown may have been revised. See paragraph 15 of the Explanatory Notes.

								percentage changes between latest				
		1999				2000		guarter shown and				
		2000								2001	quartor or	om anam.
												same
					_				_		prev.	quarter
No.	Item and unit/Series	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	quarter	prev. year
• • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • •	• • • • •	• • • • •	• • • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • • •	• • • • •
15	Portland cement ('000 tonnes)											
	Original	1 737	1 944	2 005	2 027	1 835	2 070	1 898	1 652	1 554	-6.0	-15.3
	Seasonally adjusted	1 911	1 916	1 931	1 941	1 996	2 041	1 835	1 605	1 693	5.5	-15.2
	Trend(b)	1 941	1 922	1 922	1 959	2 015	1 999	1 885	1 743	1 624	-6.8	-19.4
16	Clay bricks (million)											
	Original	383	408	437	425	423	450	420	382	298	-22.0	-29.6
	Seasonally adjusted	420	401	407	427	456	443	394	385	324	-15.6	-28.9
	Trend(b)	405	407	414	431	446	443	415	377	336	-10.7	-24.6
17	Ready mixed concrete ('000 m ³)			- 40-			=					
	Original	4 251	4 611	5 187	5 217	4 864	5 329	4 665	4 176	3 922	-6.1	-19.4
	Seasonally adjusted	4 574	4 655	4 923	5 081	5 237	5 379	4 427	4 064	4 224	3.9	-19.3
40	Trend(b)	4 641	4 706	4 873	5 119	5 292	5 167	4 776	4 353	4 027	-7.5	-23.9
18	Basic iron, spiegeleisen and sponge iron ('000 tonnes)											
	Original	1 841	1 827	1 972	1 507	1 503	1 507	1 567	(e)	(e)	4.0	-20.5
	Seasonally adjusted	1 865	1 832	1 931	1 524	1 516	1 511	1 531	(e)	(e)	1.3	-20.7
	Trend(c)	1 851	1 870	1 888	1 530	1 522	1 517	1 523	(e)	(e)	0.4	-19.4
19	Blooms and slabs of iron or steel ('000 tonnes)											
	Original	1 864	1 900	2 056	1 505	1 577	1 604	1 681	(e)	(e)	4.8	-18.2
	Seasonally adjusted	1 891	1 908	1 986	1 532	1 599	1 610	1 624	(e)	(e)	0.9	-18.2
	Trend(c)	1 898	1 919	1 951	1 559	1 584	1 608	1 630	(e)	(e)	1.3	-16.5
20	Alumina ('000 tonnes)											
	Original	3 522	3 601	3 707	3 702	3 710	r3 918	r4 004	4 049	n.y.a.	1.1	9.4
	Seasonally adjusted	3 612	3 582	3 657	3 711	3 757	r3 898	r3 943	4 046	n.y.a.	2.6	9.0
	Trend	3 582	3 611	3 647	3 704	3 783	3 871	3 959	4 029	n.y.a.	1.8	8.8
21	Zinc ('000 tonnes)											
	Original	79	85	90	90	112	112	139	127	n.y.a.	-8.6	41.1
	Seasonally adjusted	81	84	88	90	115	111	136	127	n.y.a.	-6.8	41.2
	Trend	81	84	88	89	114	120	126	130	n.y.a.	3.0	45.8
22	Silver (tonnes)				400	404			4.40			
	Original	96	113	134	129	131	149	110	148	n.y.a.	34.5	14.7
	Seasonally adjusted	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.y.a.	n.p.	n.p.
00	Trend	105	104	133	137	134	130	131	135	n.y.a.	3.2	-1.5
23	Copper ('000 tonnes)	77	400	440	447	444	400	447	400		44.4	44.4
	Original r	77	102	119	117	114	126	117	130	n.y.a.	11.1	11.1
	Seasonally adjusted r	84	95	115	122	123	117	113	136	n.y.a.	20.0	11.2
24	Trend	83	98	112	121	121	119	121	126	n.y.a.	4.7	4.6
24	Lead ('000 tonnes) Original	53	62	65	60	55	55	E1	63	n.v.o	22 5	E 0
	Seasonally adjusted	53 52	62 59	67	61	55 54	53	51 53	65	n.y.a.	23.5 22.3	5.0 5.2
	Trend	53	60	64	61	56	53	56	60	n.y.a.		
25	Tin (tonnes)	53	00	64	ρŢ	90	53	90	00	n.y.a.	7.2	-2.7
25	Original	170	150	140	125	155	180	215	225	n v o	4.7	80.0
	Seasonally adjusted	161	129	140 150	125 147	135 144	159	215	249	n.y.a.	4.7 10.8	68.7
	Trend	145	144	143	141	144	159 174	224	249	n.y.a.	13.7	69.7
26	Gold (tonnes)	140	144	143	141	149	114	211	240	n.y.a.	13.7	09.1
20	Original	96	86	78	115	88	101	78	82	n.y.a.	5.1	-28.7
	Seasonally adjusted	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	o∠ n.p.	n.y.a.	n.p.	–26. <i>1</i> n.p.
	Transidaly adjusted	π.μ.	11.p.	11.p.	11.p.	11.p.	11.p.	11.4.	11.p.	ıı.y.a.	11.p.	11.p.

⁽a) Trend estimates shown may have been revised. See paragraph 15 of the Explanatory Notes.

89 88 93 97 93 86 81 n.y.a.

Percentage changes

Trend(d)

⁽e) Inclusion of this item is under review, due to significant restructuring in the iron and steel industry.

⁽b) Due to an abnormal movement in the original series for September quarter 2000, the trend has been modified to remove the effect. See also paragraphs 14–16 of the Explanatory Notes.

⁽c) Due to an abnormal movement in the original series for December quarter 1999, the trend has been modified to remove the effect. See also paragraphs 14–16 of the Explanatory Notes.

⁽d) Due to abnormal movements in the original series for each of September quarter 1998 and December quarter 1999, the trend has been modified to remove the effect. See also paragraphs 14–16 of the Explanatory Notes.

effect. See also paragraphs 14–16 of the Explanatory Notes.

		1999	2000				2001			Percentage changes between latest quarter shown and		
No.	Item and unit/Series	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	prev. quarter	same quarter prev. year
• • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •
27	Electricity (million kWh)											
	Original	45 084	45 227	46 785	44 591	46 040	47 374	49 387	45 977	46 865	1.9	1.8
	Seasonally adjusted	46 054	45 043	44 866	45 783	47 006	47 191	47 383	47 200	47 836	1.3	1.8
	Trend(b)	44 800	44 931	45 214	45 862	46 701	47 210	47 327	47 442	47 641	0.4	2.0
28	Gas (petajoules)(c)											
	Original	145	182	198	165	164	199	213	172	174	1.3	6.2
	Seasonally adjusted	169	171	172	178	192	187	186	185	203	9.9	6.1
	Trend	170	170	174	180	186	187	187	190	197	3.5	5.7

⁽a) Trend estimates shown may have been revised. See paragraph 15 of the Explanatory Notes.

⁽b) Due to an abnormal movement in the original series for March quarter 1999, the trend has been modified to remove the effect. See also paragraphs 14–16 of the Explanatory Notes.

⁽c) From September quarter 1999, there has been an improvement in coverage for this item. This improvement contributed approximately a 6.5% increase for that quarter.

INTRODUCTION

1 This publication presents quarterly estimates of production of selected major manufacturing commodities for Australia.

SCOPE AND COVERAGE

- **2** Data presented in this publication are collected from a number of different sources. The prime source is the ABS surveys of manufacturing production. Data are also obtained from surveys undertaken by the Department of Industry, Science and Resources (DISR), the Australian Bureau of Agricultural and Resource Economics (ABARE), the Australian Dairy Corporation (ADC) and from ABS agriculture collections. Scope and coverage varies slightly depending on the source of the information.
- **3** Production statistics sourced from ABS manufacturing production surveys are not collected from single establishment manufacturing businesses with fewer than four persons employed, nor from establishments predominantly engaged in non-manufacturing activities but which may carry out some manufacturing in a minor way. However, in general, the contribution of these small producers to statistical aggregates is only marginal and data contained in this publication provide reliable information for the evaluation of movements in commodity production.
- **4** The statistics of meat production include data collected from abattoirs and other major slaughtering establishments, plus estimates of animals slaughtered for human consumption on farms and by country butchers and other small slaughtering establishments. Further information about this series, including more detail, is available in the monthly publication *Livestock and Meat, Australia* (Cat. no. 7218.0) and in the quarterly publication *Livestock Products, Australia* (Cat. no. 7215.0).
- **5** The statistics on chicken meat have been collected from commercial poultry slaughtering establishments. Many very small producers and Tasmanian producers are excluded from the collection; however, the statistics represent a high level of coverage. Further information about this series, including more detail, is available in the quarterly publication *Livestock Products*, *Australia* (Cat. no. 7215.0).
- **6** Data on the production of base metals and sawn timber are obtained from the ABARE publications *Mineral Statistics* and *Australian Forest Products Statistics*.
- **7** Data on the production of fuels are obtained from the DISR Petroleum and Fisheries Division publication *Australian Petroleum Statistics*.
- **8** Data on the production of cheese and butter are obtained from the ADC as unpublished data.

COMPARABILITY WITH OTHER ESTIMATES

- **9** The quarterly production statistics presented in this publication account, in total, for less than one-quarter of the output of the manufacturing sector. For information on general trends in the manufacturing sector, refer to the publications shown in paragraphs 10, 11 and 18.
- **10** Details of the value of manufacturers' sales and inventories are published quarterly in *Inventories and Sales, Selected Industries, Australia* (Cat. no. 5629.0). Information about the manufacturing sector's contribution to the Australian economy is published quarterly in *Australian National Accounts: National Income, Expenditure and Product* (Cat. no. 5206.0).

COMPARABILITY WITH OTHER ESTIMATES continued

11 Details from the annual manufacturing collection are published in *Manufacturing Industry, Australia* (Cat. no. 8221.0) and corresponding State publications.

SEASONALLY ADJUSTED AND TREND ESTIMATES

- **12** In the seasonal adjustment process, account has been taken not only of normal seasonal factors but also, where appropriate, of 'working day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the quarter) which may, in successive years, affect figures for different quarters. Details of the methods used in seasonally adjusting these series are available on request.
- 13 Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular quarter, such as the non-systematic effect of strikes, holiday shutdowns, providers' inconsistent reporting periods (where, for example, a 'quarter' may variously represent 13 or 14 weeks production), or other factors which vary with the prevailing demand for products. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after seasonal adjustment. Seasonally adjusted estimates of production for the series 21 Zinc, 23 Copper and 25 Tin are more volatile than other series. Seasonally adjusted estimates for 12 Fuel oil and 22 Silver are not sufficiently reliable to be published, while those for 26 Gold do not exhibit sufficient seasonal behaviour to be published.
- **14** The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates have been derived by applying a 7-term moving average to the quarterly seasonally adjusted series. The 7-term Henderson averages (like all Henderson averages) are symmetric but, as the end of a time series is approached, asymmetric forms of the average are applied. Unlike the weights of the standard 7-term Henderson moving average, the surrogate weights employed with the quarterly data have been tailored to suit the particular characteristics of individual series.
- **15** While the asymmetric weights enable trend estimates for recent quarters to be produced, it does result in revisions to the estimates for the most recent quarters as additional observations become available. Generally, subsequent revisions become smaller and after two quarters have little impact on the series. There will also be revisions as a result of changes to the original estimates and annual reviews of seasonal and 'working day' factors.
- **16** More detailed up-to-date information on smoothing of seasonally adjusted time series data is available in unpublished form. Interested users should contact the ABS's Time Series Analysis section, on Canberra 02 6252 5132 or by email through the internet to timeseries@abs.gov.au.

ACKNOWLEDGEMENT

17 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

RELATED PUBLICATIONS

18 Other ABS publications which may be of interest are:

- Australian Mining Industry (Cat. no. 8414.0) issued biennially
- Information Paper: Availability of Statistics Related to Manufacturing, 1997 (Cat. no. 8205.0), released on 16 January 1998
- Livestock and Meat, Australia (Cat. no. 7218.0) issued monthly
- Livestock Products, Australia (Cat. no. 7215.0) issued quarterly
- Manufacturing, Australia, 2000 (Cat. no. 8225.0) released on 22 December 2000
- Manufacturing Industry, Australia, 1998–99 (Cat. no. 8221.0) released on 22 September 2000
- Manufacturing Industry, Australia, Preliminary, 1999–2000
 (Cat. no. 8201.0) released on 29 March 2001
- Manufacturing Production, Australia: Commodities Produced, 1997–98 (Cat. no. 8365.0) released on 16 December 1999
- Mining Operations, Australia (Cat. no. 8415.0) issued biennially

OTHER PUBLISHED STATISTICS

19 Some annual manufacturing production series which mainly relate to textiles, clothing and footwear are published in the June and September quarter issues of this publication. Selected annual food series were last published in the September quarter 2000 issue.

ABS DATA AVAILABLE ON REQUEST

20 More detailed and other commodity items are collected by the ABS and are available to users as a special data service, as are monthly series for a limited number of the data items contained in this publication. Items for which additional production data are available are:

beer

cars and station wagons

clay bricks

concrete bricks, blocks and pavers

cotton broadwoven fabric

cotton yarn

hosiery

knitted sweatshirts and sloppy-joes

knitted underwear

malt

man-made fibre broadwoven fabric

men's and boys' long trousers and shorts

men's and boys' shirts

men's complete suits and men's and boys' woven coats

mowers

other clothing (excluding those listed here)

plasterboard

Portland cement and cement clinkers

ready mixed concrete

roofing tiles

semi-trailers

space heaters

starches, wheat gluten and glucose

textile floor coverings

water heaters

EXPLANATORY NOTES continued

UNPUBLISHED STATISTICS continued

women's shirts and blouses wool broadwoven fabric wool yarn

For further information, please contact Denis Linney on Sydney 02 9268 4219.

CURRENT PUBLICATIONS

21 Current publications and other products produced by the ABS are listed in the *Catalogue of Publications and Products* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists products to be released in the next few days. The Catalogue and Release Advice are available from any ABS office or by subscription, and can also be accessed through the ABS web site www.abs.gov.au.

APPENDIX CLARIFICATION OF TERMS

1 Red meat Includes veal, pork and buffalo.

2 Chicken meat Expressed in the dressed weight of whole birds, pieces and giblets.

3 Cheese Includes fresh cheeses such as ricotta, cottage, cream and quark.

4 Butter Includes direct butter oil.

5 Beer Includes ale and stout; excludes low alcohol beer containing less than 1.15% but

more than 0.5%, by volume of alcohol.

6 Tobacco and cigarettes Includes those containing tobacco substitutes.

7 Newsprint Excludes directory paper, mechanical and printing paper.

8 Wood pulp Expressed as air-dried weight.

9 Undressed sawn timber Expressed in terms of green off saw volumes.

10 Hardwood woodchips Expressed as greenweight; excludes chips which are not sold or are used in own

works

11 Automotive gasoline Produced by Australian refineries from imported and indigenous petroleum.

12 Fuel oil Oils derived from the distillation of petroleum which are generally used for

domestic heating or fuelling furnaces; produced by Australian refineries from

imported and indigenous petroleum.

13 Aviation turbine fuel Produced by Australian refineries from imported and indigenous petroleum.

14 Automotive diesel oil Produced by Australian refineries from imported and indigenous petroleum.

15 Portland cement Includes blended Portland cement. Excludes both Portland cement clinker and

Portland cement used to make blended Portland cement in-house.

16 Clay bricks Saleable bricks (of all sizes) removed from kiln; excludes firebricks and bricks for

other than structural purposes.

17 Ready mixed concrete Excludes production used or for use within the same business.

18 Basic iron, spiegeleisen In pigs, blocks and other primary forms; includes pig iron. This item comprises

and sponge iron production of BHP Steel only.

19 Blooms and slabs Continuous cast; includes steel in the molten state. This item comprises

of iron or steel production of BHP Steel only.

20 Alumina Aluminium oxide.

21 Zinc Primary origin only.

22 Silver Refined.

23 Copper Primary origin only.

24 Lead Includes lead content of lead from primary sources.

25 Tin Primary origin only.

26 Gold From primary and secondary sources.

APPENDIX CLARIFICATION OF TERMS continued

27 Electricity Excludes purchases or transfers in of electricity.

28 Gas Gas (including natural gas) available for issue through mains, including gas production for distribution via natural gas pipelines which service a single user.

FOR MORE INFORMATION...

INTERNET www.abs.gov.au the ABS web site is the best place to

start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a

statistical profile.

LIBRARY A range of ABS publications is available from public and

tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.

CPI INFOLINE For current and historical Consumer Price Index data,

call 1902 981 074 (call cost 77c per minute).

DIAL-A-STATISTIC For the latest figures for National Accounts, Balance of

Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

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